

## PATENTS ONLY

Attorney Docket No. 4671-15

10970905-1

JC893 U.S. PTO  
09/661634  
09/13/00

Name of conveying party(ies):

Rupert Julian Alexander Brauch

2. Name and address of receiving party(ies):

HEWLETT-PACKARD COMPANY  
Legal Department, M/S 208N  
3000 Hanover Street  
Palo Alto, CA 94304COPY OF ORIGINAL  
ASSIGNMENT  
DO NOT RECORDAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ NoAdditional name(s) & address(es) attached ☐ Yes ☒ No

Nature of Conveyance:

☒ Assignment☐ Merger☐ Change of Name☐ Security Agreement☐ Other

Execution Date(s): 5 February 1998

Application number(s) or patent number(s): filed herewith

If this document is being filed together with a new application, execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No.:

Date Filed:

Additional numbers attached? NO

Name and address of party to whom correspondence concerning document should be mailed:

Records Manager  
HEWLETT-PACKARD COMPANY  
P. O. BOX 10301  
Palo Alto, CA 94303-0890

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total Fee (37 CFR 3.41): . . . . \$40.00

Enclosed

COPY OF ORIGINAL  
ASSIGNMENT  
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Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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Micah D. Stolowitz

Name of Person Signing

Signature

9. February 1998

Date

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)

Do Not detach this portion

Mail document to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignment  
Washington, D.C. 20231

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a California corporation having its principal place of business in Palo Alto, California (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

METHOD AND APPARATUS FOR HANDLING MASKED EXCEPTIONS  
IN AN INSTRUCTION INTERPRETER

Filing date: herewith Serial No.: \_\_\_\_\_

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, its successors, assigns, nominees or legal representatives to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HP;

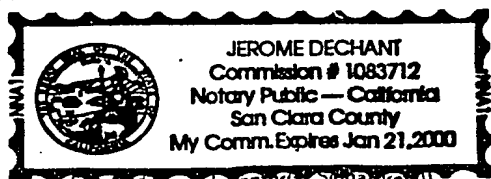
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HP, as assignee of the entire right, title and interest; any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct HP attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Rupert Branch Date Assignment Signed: 2/5/98  
Inventor's Signature (Seal)  
Inventor's Typed Name: Rupert Julian Alexander Brauch Date Application Signed: 2-5-98

State of California )  
County of Santa Clara ) ss.: OF ORIGINAL  
ASSIGNMENT  
NOT RECORD

Before me this 5<sup>th</sup> day of February, 1998, personally appeared Rupert Julian Alexander Brauch who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Jerome Dechant  
Notary Public  
My commission expires: 1-21-2000

I, a below named inventor, I hereby declare that:

residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and sole inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR HANDLING MASKED  
EXCEPTIONS IN AN INSTRUCTION INTERPRETER

A specification of which is attached hereto unless the following box is checked:

( ) was filed on \_\_\_\_\_ as US Application Serial No. or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

I sign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

Substantive Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the form provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

POWER OF ATTORNEY:

I, a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and conduct all business in the Patent and Trademark Office connected therewith.

Jeffery B. Fromm	Douglas M. Gilbert	Alan H. Haggard	Denise Lee	David A. Plettner
Reg. No. 30,558	Reg. No. 27,196	Reg. No. 28,614	Reg. No. 35, 931	Reg. No. 36,241

Send Correspondence to:

IP Administration

Legal Department, 208N

HEWLETT-PACKARD COMPANY

P.O. Box 10301

Palo Alto, California 94303-0890

Direct Telephone Calls To:

Alan H. Haggard  
(408) 447-0854

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Rupert Julian Alexander Brauch Citizenship: United Kingdom

Residence: 275 Hawthorne Ave., Apt. 248, Palo Alto, CA 94301

Post Office Address: 275 Hawthorne Ave., Apt. 248, Palo Alto, CA 94301

Rupert Brauch

2/5/98  
Date

Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80528-9599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10970905-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Rupert J. Brauch

Serial No.: 09/020653

Examiner: T. PHAN

Filing Date: Feb 09, 1998

Group Art Unit: 2763

Title: Method And Apparatus For Handling Masked Exceptions In An Instruction Interpreter

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

APPOINTMENT OF ASSOCIATE ATTORNEY/AGENT 37 CFR 1.34(b)

Sir:

In the above-identified application, please recognize Alexander C. JOHNSON Jr., Patent Reg. No. 29,396, as associate attorney/agent with full power to prosecute this application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please address all future communications to:

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80528-9599

- ( ) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: \_\_\_\_\_ or \_\_\_\_\_

- (X) I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Date of Facsimile: March 23, 2000

Typed Name: Hope Romero

Signature: Hope Romero

Respectfully submitted,

Rupert J. Brauch

By Alan H. Haggard

Alan H. Haggard

Attorney/Agent for Applicant(s)

Reg. No. 28,614

Date: March 23, 2000

Telephone No.: (408) 447-4764

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Rupert J. Brauch

Serial No.: 09/020653

Examiner: T. PHAN

Filing Date: Feb 09, 1998

Group Art Unit: 2763

Title: Method And Apparatus For Handling Masked Exceptions In An Instruction Interpreter

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231APPOINTMENT OF ASSOCIATE ATTORNEY/AGENT 37 CFR 1.34(b)

Sir:

In the above-identified application, please recognize Ariel ROGSON, Patent Reg. No. 43,054, as associate attorney/agent with full power to prosecute this application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please address all future communications to:

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80528-9599

- ( ) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: \_\_\_\_\_ or \_\_\_\_\_

- (X) I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Date of Facsimile: March 23, 2000

Typed Name: Hope Romero

Signature: Hope Romero

Respectfully submitted,

Rupert J. Brauch

By Alan H. Haggard

Alan H. Haggard

Attorney/Agent for Applicant(s)

Reg. No. 28,614

Date: March 23, 2000

Telephone No.: (408) 447-4764

( ) Delete the following named individuals as inventors in this application in accordance with 37 CFR 1.53(b) as a result of a change in the claimed subject matter:

(x) Enclosed are copies of Appointment of Associate Attorney for Ariel Rogson and  
( ) Recognize as Associate Attorney or Agent Alexander C. Johnson, Jr. filed in parent  
Registration No. application Serial No. 09/020,653  
( ) authorization is hereby granted by signature below of the Attorney or Agent of record  
( ) the Associate Attorney or Agent shall not have the authority to appoint other Attorneys or Agents

Tuan Ngo (408) 447-8133

### Fee Calculation

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	9 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	1 — 3	0	X \$78	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS			\$260	\$ 0
BASIC FEE: Design <sup>310</sup> \$230.00 ); Utility <sup>690</sup> \$760.00 - )				\$ 690
TOTAL FILING FEE				\$ 690
-TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 690

Respectfully submitted,

By Alexander S. Johnson, Jr.  
Attorney/Agent for Applicant(s)  
Reg. No. 29,396

Date: September 13, 2000

Telephone No.: (503) 222-3613